

Title (en)

MULTI-SERVICE STORAGE LAYER FOR STORING APPLICATION-CRITICAL DATA

Title (de)

MEHRDIENST-SPEICHERSCHICHT ZUR SPEICHERUNG VON ANWENDUNGSKRITISCHEN DATEN

Title (fr)

COUCHE DE STOCKAGE MULTI-SERVICE PERMETTANT DE STOCKER DES DONNÉES ESSENTIELLES À L'APPLICATION

Publication

EP 4118522 B1 20240410 (EN)

Application

EP 21709283 A 20210208

Priority

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- US 2021017008 W 20210208

Abstract (en)

[origin: US2021289026A1] Techniques are described for providing a multi-service storage layer in a cloud provider network for applications and workloads that are highly sensitive to outages affecting "mission critical" data or other resources. A multi-service storage layer is designed to provide additional resiliency against various types of correlated failures among existing geographic regions by enabling the storage of data using a plurality of separate storage services and storage resource types and across a plurality of regions of the cloud-provider network. A multi-service storage layer provides an application programming interface (API) with actions for storing, retrieving, and querying data stored in a highly available storage resource across a selection of underlying storage services. The ability to store critical data and other resources using a multi-service storage layer provides additional resiliency while also providing a single interface that applications can use to interact with the data stored across any number of underlying storage services.

IPC 8 full level

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CPC (source: EP US)

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